FILE 'HOME' ENTERED AT 08:25:30 ON 07 SEP 2004

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 08:25:40 ON 07 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 SEP 2004 HIGHEST RN 740073-48-7 DICTIONARY FILE UPDATES: 5 SEP 2004 HIGHEST RN 740073-48-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\STNEXP4\10624025.str

L1 STRUCTURE UPLOADED

=> d L1 HAS NO ANSWERS L1 STR

Structure attributes must be viewed using STN Express query preparation.

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=> s l1
SAMPLE SEARCH INITIATED 08:26:00 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 112 TO ITERATE
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100.0% PROCESSED 112 ITERATIONS

12 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1606 TO 2874

PROJECTED ANSWERS: 33 TO 447

L2 12 SEA SSS SAM L1

=> d 12 1-12

ANSWER 1 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN L2 459827-67-9 REGISTRY RN Benzenepropanoic acid, 3-(aminoiminomethyl)- $\beta$ -[[4-(4,5,6,7-tetrahydro-CN 1H-benzimidazol-1-yl)-3-(trifluoromethyl)benzoyl]amino]-, monohydrochloride (9CI) (CA INDEX NAME) C25 H24 F3 N5 O3 . Cl H MF SR CA, CAPLUS, USPATFULL STN Files: DT.CA CAplus document type: Patent Roles from patents: BIOL (Biological study); PREP (Preparation); USES RL. P (Uses) CRN (740078-15-3)

HCl

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 2 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN L2446026-11-5 REGISTRY RN Benzenepropanamide, 3-(aminoiminomethyl)-N-ethyl- $\beta$ -[[3-methyl-4-(1-methyl-4 pyrrolidinylcarbonyl)benzoyl]amino]- (9CI) (CA INDEX NAME) 3D CONCORD FS MF C25 H31 N5 O3 CI COM SR CA, CAPLUS, USPATFULL STN Files: DT.CA CAplus document type: Patent Roles from patents: BIOL (Biological study); PREP (Preparation); USES RL.P (Uses)



- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- ANSWER 3 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN L2
- 446026-03-5 REGISTRY RN
- Benzenepropanoic acid, 3-(aminoiminomethyl)- $\beta$ -[[3-ethyl-4-(1-minoiminomethyl)- $\beta$ -[3-ethyl-4-(1-minoiminomethyl)- $\beta$ -[3-ethyl-4-(1-minoiminomethyl)- $\beta$ -[13-ethyl-4-(1-minoiminomethyl)- $\beta$ -[14-ethyl-4-(1-minoiminomethyl)- $\beta$ -[15-ethyl-4-(1-minoiminomethyl)- $\beta$ -[15-ethyl-4-(1-minoiminomethyl-4-(1-minoiminomethyl)- $\beta$ -[15-ethyl-4-(1-minoiminomethyl-4-(1-minoimi CN pyrrolidinylcarbonyl)benzoyl]amino]- (9CI) (CA INDEX NAME)
- 3D CONCORD FS
- C24 H28 N4 O4 MF
- COM CI
- SR CA
- STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- Roles from patents: BIOL (Biological study); PREP (Preparation); USES RL.P (Uses)



- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 4 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446025-94-1 REGISTRY
- CN Benzenepropanoic acid, 3-(aminoiminomethyl)- $\beta$ -[[4-[(2,5-dihydro-1H-pyrrol-1-yl)carbonyl]-3-methylbenzoyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C25 H28 N4 O4
- CI COM
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



- 2 REFERENCES IN FILE CA (1907 TO DATE)
  2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 5 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446025-80-5 REGISTRY
- CN Butanoic acid, 4-[[4-[[[[5-(aminoiminomethyl)-2-hydroxyphenyl]methyl]amino]carbonyl]-2-methylphenyl]cyclopentylamino]-4-oxo-, ethyl ester (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C27 H34 N4 O5
- CI COM
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 2 REFERENCES IN FILE CA (1907 TO DATE)
  2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 6 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446025-78-1 REGISTRY
- CN Benzamide, N-[[5-(aminoiminomethyl)-2-hydroxyphenyl]methyl]-4-(1-pyrrolidinylcarbonyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C21 H21 F3 N4 O3
- CI COM
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

PAGE 1-A



### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 7 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446025-43-0 REGISTRY
- CN Benzenepropanoic acid, 3-(aminoiminomethyl)- $\beta$ -[[3-ethynyl-4-(1-pyrrolidinylcarbonyl)benzoyl]amino]-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)
- MF C26 H28 N4 O4 . Cl H
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
- CRN (446025-95-2)

#### PAGE 1-A



#### HC1

- 2 REFERENCES IN FILE CA (1907 TO DATE)
  2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 8 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 445256-53-1 REGISTRY
- CN Benzeneacetic acid, 3-(aminoiminomethyl)- $\alpha$ -[[3-methyl-4-(1-pyrrolidinylcarbonyl)benzoyl]amino]-, ethyl ester, monoacetate (9CI) (CA INDEX NAME)
- MF C24 H28 N4 O4 . C2 H4 O2
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

CM 1

CRN 445256-32-6 CMF C24 H28 N4 O4

PAGE 1-A



CM 2

CRN 64-19-7 CMF C2 H4 O2

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN

RN 445256-27-9 REGISTRY

CN Butanoic acid, 4-[[4-[[[[5-(aminoiminomethyl)-2-

hydroxyphenyl]methyl]amino]carbonyl]-2-methylphenyl]cyclopentylamino]-4-

oxo-, monohydrochloride (9CI) (CA INDEX NAME)

MF C25 H30 N4 O5 . Cl H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES

(Uses)

CRN (446025-84-9)

$$\begin{array}{c|c} & \text{NH} \\ & \text{C-NH}_2 \\ & \text{C-NH-CH}_2 \\ & \text{OH} \\ & \text{C-CH}_2\text{-CH}_2\text{-CO}_2\text{H} \\ & \text{O} \\ & \text{O} \end{array}$$

### ● HCl

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN

RN 361336-52-9 REGISTRY

CN Benzamide, N-[[3-(aminoiminomethyl)phenyl]methyl]-5-

[[(phenylmethyl)sulfonyl]amino]-2-(phenylthio)- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C28 H26 N4 O3 S2

SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

$$\begin{array}{c|c} & & & & \\ & & & \\ NH - S - CH_2 - Ph \\ & & \\ & & \\ H_2N - C \\ & & \\ & & \\ NH \end{array}$$

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN

RN 353248-50-7 REGISTRY

CN Benzamide, N-[[3-(aminoiminomethyl)phenyl]methyl]-4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C22 H27 N5 O2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

$$\begin{array}{c} O \\ C-NH-CH_2 \\ NH \end{array}$$

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 12 REGISTRY COPYRIGHT 2004 ACS on STN RN 66867-86-5 REGISTRY

CN Benzamide, N-[[3-(aminoiminomethyl)phenyl]methyl]-2-hydroxy-, mono(4-methylbenzenesulfonate) (salt) (9CI) (CA INDEX NAME)

MF C15 H15 N3 O2 . C7 H8 O3 S

LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT

(\*File contains numerically searchable property data)

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation)

CM 1

CRN 66867-85-4 CMF C15 H15 N3 O2

CM 2

CRN 104-15-4 CMF C7 H8 O3 S

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l1 ful

FULL SEARCH INITIATED 08:26:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2158 TO ITERATE

100.0% PROCESSED 2158 ITERATIONS

146 ANSWERS

SEARCH TIME: 00.00.01

L3 146 SEA SSS FUL L1

=> d 13 10 20 30 40 50 60 70 80 90 120 140 146

L3 ANSWER 10 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN

RN 651045-18-0 REGISTRY

CN Benzamide, N-[1-[5-(aminoiminomethyl)-2-(phenylmethoxy)phenyl]-2-phenylethyl]-3-methyl-4-(1-pyrrolidinylcarbonyl)-, dihydrochloride (9CI) (CA INDEX NAME)

MF C35 H36 N4 O3 . 2 Cl H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)



#### ●2 HC1

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 20 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 459827-63-5 REGISTRY
- CN 3-Cyclopentapyrazolecarboxamide, 1-[4-[[[[5-(aminoiminomethyl)-2-hydroxyphenyl]methyl]amino]carbonyl]-2-(trifluoromethyl)phenyl]-1,4,5,6-tetrahydro-N-methyl-, monohydrochloride (9CI) (CA INDEX NAME)
- MF C24 H23 F3 N6 O3 . C1 H
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
- CRN (459826-81-4)

$$C$$
 NHMe OH  $C$  NH $C$  H $_2$   $C$  NH $C$  NH $_2$  NH

#### ● HCl

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 30 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 459827-33-9 REGISTRY
- CN Benzamide, N-[[5-(aminoiminomethyl)-2-hydroxyphenyl]methyl]-4-[3-(aminomethyl)-5,6-dihydrocyclopentapyrazol-1(4H)-yl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C23 H23 F3 N6 O2
- CI COM
- SR CA

- L3 ANSWER 40 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446026-19-3 REGISTRY
- CN Benzenepropanoic acid, 3-[[[(hexyloxy)carbonyl]amino]iminomethyl]- $\beta$ -[[3-methyl-4-(1-pyrrolidinylcarbonyl)benzoyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C32 H42 N4 O6
- CI COM

SR CA

LC STN Files: CA, CAPLUS, USPATFULL DT.CA CAplus document type: Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

PAGE 1-A

PAGE 2-A

## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 50 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN L3

446026-09-1 REGISTRY RN

Benzeneacetamide, 3-(aminoiminomethyl)-N,N-dimethyl- $\alpha$ -[[3-methyl-4-CN(1-pyrrolidinylcarbonyl)benzoyl]amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

C24 H29 N5 O3 MF

COM CI

SR CA

STN Files: CA, CAPLUS, USPATFULL LC

DT.CA CAplus document type: Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); USES RL.P (Uses)



- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 60 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446025-99-6 REGISTRY
- CN Benzenepropanoic acid, 3-(aminoiminomethyl)- $\beta$ -[[4-(1-pyrrolidinylcarbonyl)-3-(trifluoromethyl)benzoyl]amino]- (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C23 H23 F3 N4 O4
- CI COM
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 70 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446025-88-3 REGISTRY
- CN Benzamide, N-[[5-(aminoiminomethyl)-2-hydroxyphenyl]methyl]-3-chloro-4-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C20 H21 Cl N4 O3
- CI COM
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 80 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 446025-72-5 REGISTRY
- CN Benzamide, N-[[5-[(benzoylamino)iminomethyl]-2-hydroxyphenyl]methyl]-3-methyl-4-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C28 H28 N4 O4
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 90 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN

RN 446025-62-3 REGISTRY

CN Benzamide, N-[1-[5-(aminoiminomethyl)-2-hydroxyphenyl]ethyl]-3-bromo-4-(1-pyrrolidinylcarbonyl)-, monohydrochloride (9CI) (CA INDEX NAME)

MF C21 H23 Br N4 O3 . Cl H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CRN (446026-14-8)



#### HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 120 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN 446025-30-5 REGISTRY RN Benzamide, N-[[3-(aminoiminomethyl)phenyl]methyl]-3-methyl-4-(1-CN pyrrolidinylcarbonyl)-, monohydrochloride (9CI) (CA INDEX NAME)  $\text{C21}\ \text{H24}\ \text{N4}\ \text{O2}$  . Cl H MF SR CA STN Files: CA, CAPLUS, USPATFULL LCDT.CA CAplus document type: Patent Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses) CRN (446025-77-0)



● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 140 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN

RN 352619-54-6 REGISTRY

CN [1,1'-Biphenyl]-2-carboxamide, 3'-(aminoiminomethyl)-N-[[3-(aminoiminomethyl)phenyl]methyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

MF C22 H21 N5 O . 2 C2 H F3 O2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

CRN 352619-53-5 CMF C22 H21 N5 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 146 OF 146 REGISTRY COPYRIGHT 2004 ACS on STN

RN 66867-83-2 REGISTRY

CN Benzamide, N-[[3-(aminoiminomethyl)phenyl]methyl]-2-hydroxy-,

monohydrochloride (9CI) (CA INDEX NAME)

MF C15 H15 N3 O2 . Cl H

LC STN Files: CA, CAPLUS, CASREACT

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation)

CRN (66867-85-4)

$$\begin{array}{c|c} \circ \\ \vdash \\ c- \text{NH- CH}_2 \\ \hline \\ \text{OH} \end{array}$$

## ● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 198.74 198.95

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 08:27:37 ON 07 SEP 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 7 Sep 2004 VOL 141 ISS 11 FILE LAST UPDATED: 6 Sep 2004 (20040906/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13 L4 10 L3

=> d 14 1-10

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:95333 CAPLUS

DN 140:128424

TI Preparation of benzamides as factor Xa inhibitors

IN Priepke, Henning; Ries, Uwe; Nar, Herbert; Handschuh, Sandra; Wienen, Wolfgang

PA Boehringer Ingelheim Pharma G.m.b.H. & Co. K.-G., Germany

SO Ger. Offen., 22 pp.

MARPAT 140:128424

CODEN: GWXXBX

DT Patent

LA German

OS

FAN.CNT 1 DATE APPLICATION NO. KIND DATE PATENT NO. \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_ 20020726 DE 2002-10234058 20040205 A1 DE 10234058 PΤ WO 2003-EP7924 20030721 20040212 WO 2004013128 A1 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2003-624025 20030721 20040715 A1 US 2004138309 20020726 Α PRAI DE 2002-10234058 Ρ 20020819 US 2002-404434P

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN

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2002:794312 CAPLUS
AN
DN
    137:310704
    Preparation of N-[(pyrrolidinocarbonyl)phenyl]amidinophenylacetamides and
ΤI
     analogs as antithrombotics
    Ries, Uwe Joerg; Priepke, Henning; Nar, Herbert; Stassen, Jean-marie;
IN
    Wienen, Wolfgang
    Germany
PΑ
    U.S. Pat. Appl. Publ., 31 pp.
SO
    CODEN: USXXCO
DT
    Patent
LΑ
    English
FAN.CNT 3
                                         APPLICATION NO.
                                                                 DATE
                      KIND
                               DATE
    PATENT NO.
                                          ______
                       ____
                               _____
     ______
                                          US 2002-50376
DE 2001-10104597
                                                                 20020116
    US 2002151534
                        A1
                               20021017
PΤ
                                         DE 2001-10104597
                                                                 20010202
                               20020808
    DE 10104597
                        A1
                                          DE 2001-10136435
                                                                 20010726
    DE 10136435
                        A1
                               20030213
PRAI DE 2001-10104597
                        Α
                               20010202
    US 2001-268569P
                        P
                               20010215
     DE 2001-10136435
                         Α
                               20010726
OS
    MARPAT 137:310704
    ANSWER 3 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
L4
ΑN
     2002:716256 CAPLUS
    137:232654
DN
     Preparation of amidinohydroxyphenylbenzimidazolylphenylacetamides and
ΤI
     related compounds as antithrombotics.
     Priepke, Henning; Nar, Herbert; Stassen, Jean Marie; Ries, Uwe; Wienen,
IN
     Boehringer Ingelheim Pharma K.-G., Germany
PA
     PCT Int. Appl., 82 pp.
SO
     CODEN: PIXXD2
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    German
FAN.CNT 1
                                         APPLICATION NO.
                                                                DATE
                      KIND
                               DATE
     PATENT NO.
                        ____
                               20020919 WO 2002-EP2615
                                                                20020309
     WO 2002072558
                        A1
PΙ
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                         Ρ
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              THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
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             ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 4 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
T.4
```

AN

2002:615593 CAPLUS

```
137:169323
DN
    Preparation of benzamidomethylbenzamidines and analogs as factor Xa
TI
     inhibitors
    Ries, Uwe Joerg; Priepke, Henning; Nar, Herbert; Stassen, Jean-Marie;
IN
    Wienen, Wolfgang
     Boehringer Ingelheim Pharma K.-G., Germany
PA
     PCT Int. Appl., 108 pp.
SO
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     ANSWER 5 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
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     2002:591535 CAPLUS
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     137:154846
DN
     Preparation of phenylamines or phenylamides as anticoagulants
TΙ
     Ries, Uwe; Priepke, Henning; Nar, Herbert; Stassen, Jean Marie; Wienen,
IN
     Wolfgang
     Boehringer Ingelheim Pharma K.-G., Germany
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     Ger. Offen., 28 pp.
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```

```
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    WO 2002-EP823
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L4
ΑN
    2001:693283 CAPLUS
    135:257039
DN
    Preparation of polycyclic aryl and heteroaryl substituted benzenes useful
TΙ
     for selective inhibition of the coagulation cascade
     South, Michael S.; Parlow, John J.
IN
PA
     Pharmacia Corporation, USA
     PCT Int. Appl., 437 pp.
SO
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     AU 2001043598
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     US 2002025947
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     US 2000-252159P
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     ANSWER 7 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
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     2001:581844 CAPLUS
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     135:147427
DN
     Bivalent phenylene inhibitors of factor Xa
TI
     Zhu, Bing-Yan; Scarborough, Robert
IN
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     Cor Therapeutics, Inc., USA
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     PCT Int. Appl., 68 pp.
     CODEN: PIXXD2
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     ANSWER 8 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
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     2001:565039 CAPLUS
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     135:153111
     Preparation of aryl-amidines and derivatives, and prodrugs thereof as
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     factor Xa inhibitors
     Kang, Myung-Gyun; Park, Doo-Hee; Kwon, Oh-Hwan; Kim, Eunice Eun-Kyeong;
IN
     Hwang, Kwang-Yeon; Heo, Yong-Seok; Park, Tae-Kyo; Lee, Tae-Hee; Moon,
     Kwang-Yul; Park, Jong-Woo; Chang, Hye-Kyung; Lee, Sang-Koo; Lee, Sun-Hwa;
     Park, Su-Kyung; Lee, Sung-Hack; Park, Hee-Dong
PA
     LG Chem Investment Ltd., S. Korea
     PCT Int. Appl., 177 pp.
SO
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              THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT 4
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
```

- ANSWER 9 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN L4
- 1979:451777 CAPLUS AN
- 91:51777 DN
- Synthetic inhibitors of serum proteinases. Part 20. Inhibitory effect of TΙ benzo-condensed lactam derivatives of benzamidine on trypsin, plasmin, and thrombin
- Walsmann, P.; Markwardt, F.; Stuerzebecher, J.; Wagner, G.; Wunderlich, I. ΑU
- Inst. Pharmakol. Toxikol., Med. Akad. Erfurt, Erfurt, Ger. Dem. Rep. CS
- Pharmazie (1979), 34(3), 194-5 SO

CODEN: PHARAT; ISSN: 0031-7144

- DT Journal
- LA German
- L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1978:443166 CAPLUS
- DN 89:43166
- Synthesis of N-amidinobenzyl derivatives of salicylamide, 2,4-dioxodihydro-5,6-benzoxazine-(1,3) and -benzothiazine-(1,3) and of 2,4-dioxo-1,2,3,4-tetrahydroquinazoline
- AU Wagner, G.; Wunderlich, Ines
- CS Sekt. Biowiss., Karl-Marx-Univ., Leipzig, Ger. Dem. Rep.
- SO Pharmazie (1978), 33(1), 15-19 CODEN: PHARAT; ISSN: 0031-7144
- DT Journal
- LA German
- OS CASREACT 89:43166